Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 04 Aug 2023 until 23:59 on Saturday 05 Aug 2023

Forecast Issued on Thursday 03 Aug 2023 at 16:05

Confidence: High for most aspects. Moderate confidence in showers on Friday and general conditions on Tuesday.

Headline for Friday 04 Aug 2023: Low cloud slowly lifting to allow bright or sunny spells, but risk of showers throughout.

Mountain weather hazards on Friday 04 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					
Fog	Fog	Fog	Heavy rain showers	Heavy rain showers	Light rain showers	Cloudy	Cloudy
Precipitation probability							
30%	30%	30%	30%	30%	30%	10%	10%

Forecast for Friday 04 Aug 2023

Weather: Low cloud at first, but cloud will quickly lift and break during the morning to allow for bright or sunny spells during the afternoon. Showers are likely throughout the morning, perhaps becoming heavy at times, with a low risk of thunder. Higher cloud during the late afternoon will thicken from the west during the evening, with rain arriving in the early hours of the morning.

Chance of cloud-free hill tops above 600m: 20% becoming 90%

Low Cloud and visibility: Areas of cloud base 300-400m at first, lifting towards 600m by midday, then clearing all summits during the afternoon and breaking up slightly. Lower cloud will then increase again overnight, becoming gradually lower and more extensive. Visibility very poor in any cloud covering hills and in any early drizzle, then generally very good for the rest of the day, but poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 04 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 NW	6/9 NW	8/13 N	7/11 N	7/12 NW	9/14 NW	8/12 W	5/9 SW	6/9 S
300	6/13 NW	5/9 NW	7/12 N	6/11 NW	6/11 NW	7/14 NW	7/13 W	4/8 SW	3/7 S
Valley	5/14 NW	7/14 NW	7/14 N	7/13 NW	7/13 NW	8/14 NW	7/14 W	3/8 SW	2/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	10/9	9/7	10/8	11/10	13/11	12/11	10/9	9/8
300	12/11	12/11	11/10	12/11	14/13	16/15	15/13	11/11	10/10
Valley	13/13	13/12	12/11	14/12	16/15	17/16	16/15	13/12	12/12
Freezing Level*	2400m	2400m	2300m	2100m	2000m	2000m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High levels of UV despite some cloud, so sun protection is recommended. Note the risk of thundery showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 03 Aug 2023	1.2mm	16.8mm	31mm

Forecast for Saturday 05 Aug 2023

Weather: Cloudy with persistent rain for most of the day, turning heavy at times, and with a low risk of thunder within heavier bursts. Cloud may begin to break into the evening, with some drier spells developing, but the risk of showers will continue.

Maximum wind: Easterly becoming northerly 15-20 mph gusting 30-35 mph

Chance of cloud-free hill tops above 600m: 10%

Low Cloud and visibility: Extensive cloud base 300m or below for most of the day. Very poor visibility in cloud covering hills and in heavy rain. Cloud perhaps beginning to break early evening, but likely remaining over higher hills.

Temperature: **Valleys:** Plus 12 Celsius
At 600m: Plus 9 Celsius
Freezing level: Above the summits.

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